

# PATENT ABSTRACTS OF JAPAN

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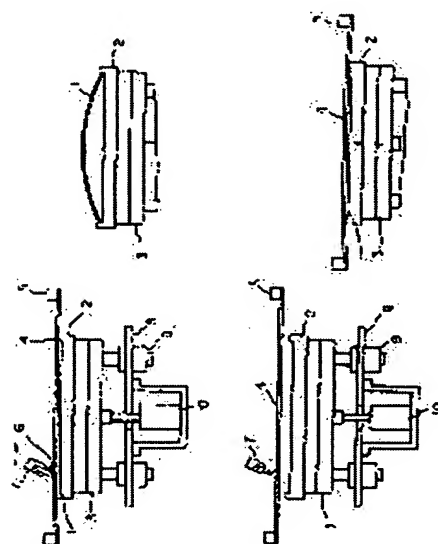
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## (54) SCREEN PRINTING METHOD

### (57)Abstract:

**PURPOSE:** To conduct proper printing even to a material to be printed, which is deformed, by pushing the printing mask of a metal stuck to a plate frame against the material to be printed by high tension, removing the deformation of the material to be printed and performing squeezing at fixed pressure.

**CONSTITUTION:** A material to be printed 1, which is deformed, is set onto a positioning table 2, and positioned with a printing mask 4 in the horizontal direction by operating an X-Y table 3. A direct-acting actuator 10 is worked, and the material to be printed 1 is pushed against the printing mask 4. The material to be printed 1 is lifted up to a location slightly upper than the initial position of the printing mask 4 at that time, and tension is set at a value higher than normalcy. Consequently, the deformation of the material 1 to be printed is removed by the printing mask 4 of a metal. A printing agent 6 such as ink or paste on the printing mask 4 is squeezed by a squeegee 7 while downward applying specified printing pressure, and the printing agent 6 is dislocated to the material to be printed 1. Accordingly, proper fine printing is attained.



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